INTERNATIONAL SEARCH REPORT

PCT/NO2004/000340

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 E21B19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E21B E02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 676 696 A (LAURSEN ET AL) 30 June 1987 (1987-06-30) cited in the application column 1, line 60 - column 2, line 64 figures	1,2,5,7, 9,13,15, 17,19, 20,23
X	US 4 230 186 A (LEWIS, JR. ET AL) 28 October 1980 (1980-10-28) column 2, line 64 - column 3, line 35 figures column 2, lines 32-40 -/	1-6, 16-19, 23,24
"A" docume consider earlier of filing of	tegories of cited documents: Int defining the general state of the art which is not ered to be of particular relevance invention Isocument but published on or after the international ate To later document published or priority date and not invention invention To later document published or priority date and not invention invention To later document published or priority date and not invention invention To later document published or priority date and not invention invention invention	ers are listed in annex. I after the international filing date in conflict with the application but principle or theory underlying the elevance; the claimed invention ovel or cannot be considered to p when the document is taken alone

 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed 	 "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report
2 March 2005	09/03/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL – 2280 HV Rijswijk	Authorized officer
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Urbahn, S

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C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT			
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Information on patent family members

International Application No
PCT/NO2004/000340

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